

*Projections for Planning Purposes Only  
Not to be Used without Updating after January 1, 2013*

B-1241 (C6)

Table 19.D Estimated costs and returns per acre  
Alamo Switch Grass Establishment  
Pivot Irrigated, Far West Texas, 2013

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
TOTAL INCOME				0.00	
DIRECT EXPENSES					
FERTILIZERS					
N-32 in Water	lb	0.21	20.0000	4.20	
HERBICIDES					
Glyphosate	pt	2.38	8.0000	19.04	
SEED/PLANTS					
Switchgrass seed	lb	16.50	3.0000	49.50	
Operator Labor					
Tractors	hour	12.00	0.6798	8.15	
Irrigation Labor					
Trans-Pecos Pivot NG	hour	11.00	0.0175	0.20	
Hand Labor					
Implements	hour	10.00	0.1789	1.79	
DIESEL FUEL					
Tractors	gal	3.65	4.6032	16.80	
NATURAL GAS					
Trans-Pecos Pivot NG	Mcf	4.25	3.0433	12.94	
REPAIR & MAINTENANCE					
Implements	acre	2.85	1.0000	2.85	
Tractors	acre	1.54	1.0000	1.54	
Trans-Pecos Pivot NG	ac-in	2.00	4.0000	8.02	
INTEREST ON OP. CAP.	acre	2.75	1.0000	2.75	
TOTAL DIRECT EXPENSES				127.78	
RETURNS ABOVE DIRECT EXPENSES				-127.78	
FIXED EXPENSES					
Implements	acre	6.96	1.0000	6.96	
Tractors	acre	10.46	1.0000	10.46	
Trans-Pecos Pivot NG	each	11527.57	0.0083	96.06	
TOTAL FIXED EXPENSES				113.48	
TOTAL SPECIFIED EXPENSES				241.26	
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-241.26	

Note: Cost of production estimates are based on last year's input price

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Table 19.A Estimated resource use and costs for field operations, per acre  
Alamo Switch Grass Establishment  
Pivot Irrigated, Far West Texas, 2013

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Heavy Disk	14'	MFWD 150	0.145	2.00	Aug	9.01	5.19	1.08	2.51	0.29	3.50				21.29
Spray (Bcast/HB)	20' Rigid	2WD 50	0.084	2.00	Aug	1.68	0.61	0.40	0.54	0.25	2.88				6.11
Glyphosate	pt											8.0000	2.38	19.04	19.04
Field Cultivate	24'	MFWD 170	0.062	2.00	Aug	4.35	2.65	0.40	1.85	0.12	1.49				10.74
Grain Drill	20'	MFWD 170	0.094	1.00	Sep	3.30	2.01	0.97	2.06	0.18	2.07				10.41
Switchgrass seed	lb											3.0000	16.50	49.50	49.50
N-32 in Water	lb			1.00	Oct							20.0000	0.21	4.20	4.20
Trans-Pecos Pivot NG	each			1.00	Oct				96.06			0.0083			96.06
Application 1	ac-in							10.48		0.00	0.10	2.0000			10.58
Application 2	ac-in							10.48		0.00	0.10	2.0000			10.58
<b>TOTALS</b>						<b>18.34</b>	<b>10.46</b>	<b>23.81</b>	<b>103.02</b>	<b>0.87</b>	<b>10.14</b>			<b>72.74</b>	<b>238.51</b>
INTEREST ON OPERATING CAPITAL															2.75
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															241.26

Note: Cost of production estimates are based on last year's input prices.